Please type a plus sign (+) in this box  $\rightarrow$   $\square$  Approved for use through 10/31/2002 OMB 0651-0032 U.S. patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

## UTILITY PATENT APPLICATION

Attorney Docket No.: First Named Inventor:

1755-10 Jong-Soo KIM

(Only for new nonprovisional application under 37 CFR 1.53(b)						AND METHOD THERE		OF SE	WING MACI	TINE
370	FK 1.	.53(b)	Ехр	ress Mail Labe	l No.:	EV 171218785 US				
APPLICATION ELEMENTS See MPEP chapter 6000 concerning design patent application contents				ADD	ADDRESS TO: Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450  7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)  8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. Computer Readable Form (CRF) b. Specification Sequence Listing on					
1.	⊠	(submit an original, and a duplicate for fee processing)			7.	7. CD-ROM or CD-R in duplicate, large table or computer Program (Appendix)				
2.	Applicant claims small entity status See 37 CFR 1.27			8.	8. Unicleotide and/or Amino Acid Sequence					
3. Specification [Total Pages 41] (preferred arrangement set forth below, MPEP 1503.01) - Descriptive Title of the Invention - Cross References to Related Applications - Statement Regarding Fed sponsored R&D - Reference to sequence listing, a table, or a computer program listing appendix				l. □ CD-ROM or CD-R (2 copies or ii. □ paper c. □ Statements verifying identity of above copies						
		- Brief Sumi	ind of the Invention mary of the Invention		_	ACCOMPANYING APPLICATION PARTS				
	<ul> <li>Brief Summary of the Invention</li> <li>Brief Description of the Drawings (if filed)</li> <li>Detailed Description</li> <li>Claim(s)</li> </ul>								1t(S))	
4.	☒	- Abstract of the Disclosure			11.					
5.	$\boxtimes$				12.	12. Information Disclosure Copies of IDS Statement (IDS) PTO-1449				s
	a.	, , , , , , , , , , , , , , , , , , , ,			13.	· · ·				
	b.	• •	opy from a prior application (37 CFR 1.63(d))  DELETION OF INVENTOR(S)		1					
		Si	gned statement attached	deletina	15.					
		in 37	ventor(s) named in the pr 7 CFR 1.63(d)(2) and 1.33	or appl., see 3(b)	16.	15. ☐ Certified Copy of Priority Document(s)  (if foreign pnority is claimed)  16. ☐ Nonpublication Request under 35 U.S.C. 122				
6.	6.  Application Data Sheet. See 37 CFR 1.76				16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i).Applicant must attach form PTO/SB/35 or its equivalent.					
					17.					
18.			ING APPLICATION, check an Application Data Sheet under		, and supp	oly the requisite information	n below and	in a prel	iminary	
		ntinuation	<u></u>	_	ation-in-	part (CIP) of pric	or applicati	on No.		
For 6	Continuation Divisional Continuation-in-part (CIP) of prior application No									
			19.	CORRESPO	NDENC	E ADDRESS				
	Cus	tomer Number	r or Bar Code Label (Insert Cu	ustomer No. or A	Attach bar	code label here) or 🛚 C	orrespond	ence a	ddress beld	ow
Name Galgano & Burke										
Address 300 Rabro Drive, Suite 135										
City			Hauppauge	Sta	te	New York	ew York Zip Cod		le 11788	
Country			USA	Tele	ephone	hone 631-582-6161 F.		631-582-6191		191
Name (Print/Type) Thomas M. Galgano Regi					Registr	Registration No. (Attorney/Agent) 27,638				
Signature MX			Date:	Date: 4/14			04			

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PTO/SB/17 (01-03)

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## **FEE TRANSMITTAL FOR FY 2003**

Effective 01/01/200. Patent fees are subject to annual revision Applicant claims small entity status.

See 37 CFR1.27

TOTAL AMOUNT OF PAYMENT (\$) 0

Application Number: Filing Date: First Named Inventor: Examiner Name: Group Art Unit: Attomey Docket No.:

Jong-Soo KIM		
1755-10	 	
1700-10		

TOTAL AMOUNT OF TATMENT (#)	ــــــــــــــــــــــــــــــــــــــ				L		
METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)						
□Check □Credit □Money □Other ⊠None Card Order	3. ADDITIONAL FEES						
□ Deposit Account:     □ Deposit Account Number: 07-0130	Large	Entity	Small	Entity			
Deposit Account Name: Galgano & Burke	Fee Code	Fee (\$)	Fee Code		Fee Description		Fee Paid
The Commissioner is authorized to: (check all that apply)  Charge fee(s) indicated below Credit any overpayments	1051	130	2051	65	Surcharge - late fi	iling	
☐ Charge any additional fee(s) during the pendency of this application except for issue fee	1052	50	2052	25	Surcharge - late p	rovisional filing fee	
☐ Charge fee(s) indicated below, except for filing fee to the above-identified deposit account.	1053 1805	130 2520	1053 1812	130 2520	Non-English spec For filing a reques	ification it for ex parte	
FEE CALCULATION	1804	920*	1804	920*	reexamination Requesting public	ation of SIR prior	<del></del> ·
BASIC FILING FEE  Large Entity Small Entity	1805	1840*	1805	1840*	to Examiner action Requesting public Examiner action		
Fee Fee Fee Fee Code (\$) Code (\$) Fee Description Fee Paid	1251 1252	110 420	2251 2252	55 210	Extension for repl	y within first month y within second month	
1001 770 2001 385 Utility filing fee \$385.00	1253 1254	950 1480	2253 2254	475	Extension for repl	y within third month y within fourth month	
1003 530 2003 265 Plant filing fee 1004 770 2004 385 Reissue filing fee 1005 160 2005 80 Provisional filing fee	1255 1401	2010 330	2255 2401	1005 165		y within fifth month	
SUBTOTAL (1) (\$) 385.00	1402 1403 1451	330 290	2402 2403	165 145	Request for oral h		
2. EXTRA CLAIMS FEES FOR UTILITY & REISSUE		1510		1510	Petition to institute proceeding	·	
Extra Fee from Fee Claims below Paid	1452 1453 1501	110 1330 1330	2452 2453 2501	55 655 655	Petition to revive - Petition to revive - Utility issue fee (o	unintentional	
Total Claims 20 - 20** = 0x =	1502 1503	480 640	2502 2503	240 320	Design issue fee Plant issue fee	reissacy	
Claims <u>5</u> - 3** = 2 x 43.00 = 86.00	1460 1807	130 50	1460 1807	130 50	Petitions to the Co Processing fee un	ommissioner oder 37 CFR 1.17(q)	
Multiple Dependent =	1806 8021	180 40	1806 8021	180 40	Recording each p	ormation Disclosure Stm atent assignment per	ıt
Large Entity Small Entity Fee Fee Fee Fee Code (\$) Code (\$) Fee Description	1809	770	2809	385		mber of properties) n after final rejection	
1202 18 2202 9 Claims in excess of 20 1201 86 2201 43 Independent claims in	1810	770	2810	385	For each additional examined 37 CFR	al invention to be	
excess of 3 1203 290 2203 145 Multiple dependent claim, if not paid	1801 1802	770 900	2801 1802	385 900	Request for Contin	nued Examination (RCE	)
1204 86 2204 43 **Reissue independent claims over original patent 1205 18 2205 9 **Reissue claims in excess of	Other	fee (spe	cify)		of a design applica	ation	
of 20 and over original patent							
SUBTOTAL (2) (\$) 86.00  **or number previously paid, if greater; For Reissues, see above		SUBTOTAL (3) (\$)					
	*Red	uced b	y Bas		ng Fee Paid	(\$)	
SUBMITTED BY						COMPLETE (if applic	able)
Name (Print/Type) Thomas M. Galgano	Reg	Registration No. 27,638 Telephone: 63				Telephone: 631-5	82-6161
Signature VIIII MA						Date 4/14/04	